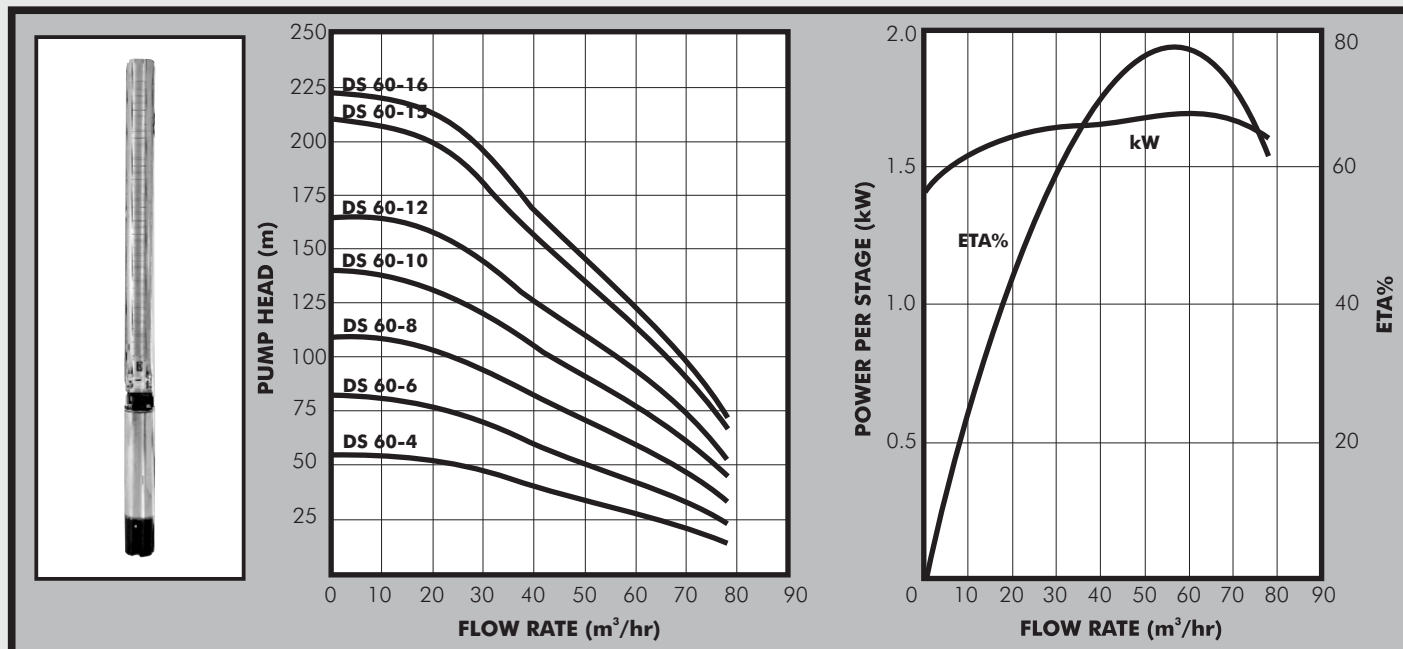




DS60

Multistage Centrifugal Borehole Pumps



PUMP

DAYLIFF DS submersible pumps are designed specifically for borehole supply applications. They are of multistage centrifugal impeller design and all parts are made from premium AISI304 stainless steel with water lubricated rubber bearings. A submersible motor is fitted beneath the pump and suction is effected through a strainer between the pump and motor.

MOTOR

The pump is coupled to a sealed liquid cooled 2-pole asynchronous squirrel cage motor constructed from stainless steel. The motor requires a remote starter and if unstable supply voltage is likely, an additional quick tripping control relay is recommended. Note that due to low starting torques of submersible motors, it is recommended that DOL starters are used. A DAYLIFF SCT electronic pump controller is recommended for comprehensive pump control including low level motor overload and irregular power supply protection.

Enclosure Class : IP68

Insulation Class: F

Voltage: 3x415V

Speed: 2900rpm

OPERATING CONDITIONS

Pumped Liquid: Thin, clean chemically non-aggressive liquids without solid particles or fibres.

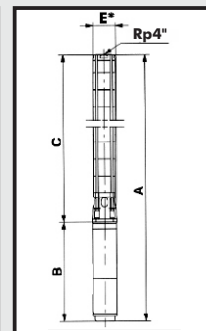
Max. Liquid Temperature: DS wet end-50°C

Max. Water Depth: 300m

Min. Borehole Diameter: 200m

PUMP DATA

Model	Motor		Full Load Current (A)	I start I	Dimensions (mm)				Weight (Kg)
	kW	HP			A	B	C	E*	
DS 60-4	7.5	10	16.5	5.0	1382	660	722	149	44
DS 60-6	11	15	24.2	4.8	1678	730	948		71
DS 60-8	15	20	32	5.0	1959	785	1174		82
DS 60-10	18.5	25	40	5.5	2260	860	1400		94
DS 60-12	22	30	47	5.1	2546	920	1626		105
DS 60-15	26	35	58	4.9	2800	1157	1965		175
DS 60-16	30	40	64.1	4.7	3128	1050	2078		126



E*=Maximum diameter of the pump inclusive of cable guard and motor